EN

Polyseal PB 575

Construction Chemicals > Solvent-Based Polyurethane > Concrete Sealer

Polyseal Pb 575 is a solvent-based polyurethane concrete sealer with superior chemical, abrasion, and UV resistance. It provides impermeability to surfaces and can be used effectively not only on concrete but also on marble, ceramics, and tiles for waterproofing applications.

Fields of Application

- It is used on glazed tiles and ceramics, natural stone, pressed bricks, glass, glass bricks, PVC, aluminum, wooden joinery, concrete plaster, and screeds

Advantages

- Resistant to abrasion
- Provides waterproofing without damaging existing coatings in light pedestrian traffic areas such as balconies and terraces
- Completed reaction coating is resistant to water, saline water, diluted acids and bases, oil, fuel, and kerosene
- Elastic waterproofing product up to -30°C. Not affected by external weather conditions; does not yellow or fade over time
- Single-component, easy to apply

1 Material Preparation and Application

To ensure a smooth application, all dirt, oil, dust, foreign contaminants, and residues must be removed. The surface should be free of visible moisture before application. The concrete surface should be clean, dry, and free of other coatings. Interior surfaces should be lightly scraped or sanded to create porosity if they are burnished or smooth. Standard finished surfaces should be roughened, washed, and thoroughly rinsed. Allow the surface to dry before use. Once you are sure the application area is completely dry, apply the product using a brush and roller. For jointed surfaces, first, cover the joints with a brush. Then apply two coats to the entire surface with a roller. Ensure complete drying between coats. The fresh coating should be protected from water, rain, and dust until fully cured. Do not apply to damp or wet surfaces, areas where negative water, vapor pressure, and salt efflorescence are observed, or areas in constant contact with water, such as swimming pools or water tanks.

2 Consumption

For flat surfaces, the coverage is 200-350 g/m^2 (may vary depending on the surface condition).

3 Packaging

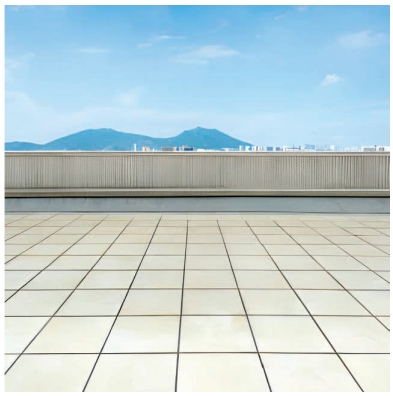
1 liter Tin Can 3 liters Tin Can 15 liters Tin Can

4 Precautions

- The product should be cleaned immediately with solvent (cellulosic thinner) before it dries after application. Otherwise, stains may be observed on the surface
- Ensure that the concrete surface is thoroughly dry before applying paint or varnish
- After use, tools should be cleaned with solvent. Avoid contact with skin and eyes; if contact occurs, wash thoroughly with water and seek medical attention

5 Storage Conditions and Shelf Life

- In unopened packaging, the product is valid for 1 year
- The product should be stored away from direct sunlight, at temperatures between 5-35°C
- It must be protected from direct sunlight. After use, the container should be tightly closed. The product should not be mixed with other chemicals







TECHNICAL DATAS

Resin Type	Aliphatic Polyurethane
Color	Colorless liquid
Solvent	Solvent
Odor	Strong Solvent
Finish	Glossy
Density	0,97 kg/L
pH	N/A
Adhesion to Concrete	> 3 MPa
Recoat Time	(at 24°C room temperature)
Full Cure Time	(at 24°C room temperature)
Active Ingredient	> 60%
Solid Content	> 60%
Flash Point	> 47°C
Freezing Point	N/A

6 Safety and Health Warnings

Protective goggles, clothing, and gloves should be worn. Avoid contact with skin, eyes, and clothing. Prevent the product from spreading into the environment. Do not eat or drink during use, and do not smoke. To minimize spills, all packaging and containers should be carefully sealed. Containers should be tightly closed and sealed when not in use. Keep away from heat, sparks, flames, and hot surfaces. Broken packages should not be handled without protective equipment. Empty containers should not be reused. If clothing becomes contaminated, remove it immediately and wash it before reuse. The product should be stored in containers with clear labels. Keep out of reach of children. Keep away from food, beverages, and animal feed. Avoid contact with oxidizing agents, heat, and flames. Store only in the original container. Containers should be kept tightly closed, in a cool, well-ventilated area, and upright. Protect containers from damage. Avoid direct contact with skin. In case of skin contact, rinse thoroughly with clean water. Avoid contact with eyes. In case of eye contact, rinse thoroughly with clean water for 15 minutes. If swallowed, drink plenty of water and seek medical attention immediately.